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Enforcement and Compliance
Assurance Division

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November 14, 2019

Mr. Terry O'Clair
Director, Division of Air Quality
North Dakota Department of Environmental Quality
918 East Divide Avenue, 2nd Floor
Bismarck, ND 58501-1947

40 CFR §60.5420a(b) REPORTING REQUIREMENTS FOR AFFECTED FACILITIES IN NORTH DAKOTA SUBJECT TO 40 CFR §60 SUBPART OOOOa (NSPS OOOOa) ANNUAL REPORT

Dear Mr. O'Clair:

ONEOK Rockies Midstream (ORM) respectfully submits the enclosed Annual Report for Reciprocating Compressors and Fugitive Monitoring at the Elm Tree Compressor Station in North Dakota. The reporting period for the included facility is through August 16, 2019.

If you need additional information or have any questions, please contact me at Kale.Hanner@oneok.com or 918-732-1477.

Sincerely,

(b) (6)

Kale Hanner
Environmental Supervisor

Enclosures: Annual Report for OOOOa Affected Facility, Monitoring Reports, R.O. Certification

xc: U.S. EPA Region 8, 1595 Wynkoop Street, Mail Code 8ENF-AT, Denver, CO 80202-1129

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J. Chrobak/K. Rudningen /B. Danforth/D. Roensch/W. Parke Moore/R. Brown (.pdf)
Tulsa Environmental Files-Business Unit-ORM-North Dakota-OOOOa Annual Report

ONEOK Field Services Company
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

**CERTIFICATION
FOR
40 CFR §60.5420a(b) REPORTING REQUIREMENTS
FOR AFFECTED FACILITIES IN NORTH DAKOTA
SUBJECT TO 40 CFR §60 SUBPART OOOOa
ANNUAL REPORT**

ONEOK ROCKIES MIDSTREAM, L.L.C.

I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Name of Responsible Official (print or type): David C. Roensch

Title: Vice President – Natural Gas Gathering and Processing Operations

Signature:

(b) (6)

Date:

11/11/19

ONEOK Rockies Midstream, L.L.C. (ORM)
P.O. Box 871, Tulsa, OK 74102-0871
100 West Fifth Street, Tulsa, OK 74103-4298

Note: Some Compressors May Not Operate 24/7

[illegible]

OOOo Annual Report Due: 11/14/2019										
End of OOOo Reporting Period: 08/16/2019										
ONEOK Rockies Midstream, L.L.C. (ORM)										
P.O. Box 871, Tulsa, OK 74102-0871										
100 West Fifth Street, Tulsa, OK 74103-4298										
Compressor Stations in ORM North Dakota Area Subject to Compressor Station Fugitive Monitoring per 40 CFR Subpart OOOO:										
Complete fugitive emissions monitoring survey is included with this summary										
Facility ID	Location	Latitude	Longitude	County	Qtrs	Section	Twtnshp	Range	Date of survey	Deviation?
ND0002	Elm Tree CS	(b) (9)		Dunn	SE/4, SE/4	25	147N	96W	10/22/18, 1/28/19, 4/30/19, 8/13/19	No
Fugitive emissions monitoring survey is included with this summary										

SURVEY SUMMARY REPORT	
COMPANY	ONEOK Inc.
FACILITY	Elm Tree
FACILITY TYPE	Compressor Station

SURVEY INFORMATION			
DATE	10/22/2018	OGI OPERATOR	(b) (6)
START TIME	10:01:37	TRAINING COMPLETED	FLIR Infrared Training Center, Certified Thermographer
END TIME	11:33:47	YEARS EXPERIENCE	1 year 5 months
SKY CONDITIONS	Clear	MAX WIND SPEED	8
INSTRUMENT USED	GF320	AMBIENT TEMPERATURE	41

DEVIATIONS FROM THE MONITORING PLAN	
YES/NO	REASON FOR DEVIATION IF "YES"
NO	NO

LEAKS				
COMPONENT TAG	COMPONENT TYPE	REPAIRED PER 60.5397a(h)	DATE OF REPAIR	RESURVEY METHOD
3078	Instrument	YES	10/26/2018	Method 21- Soap Bubbles
3079	Instrument	YES	10/26/2018	Method 21- Soap Bubbles

TOTAL LEAKS DETECTED	
COMPONENT TYPE	COUNT
INSTRUMENT	2

DELAY OF REPAIR		
COMPONENT TAG	COMPONENT TYPE	REASON FOR DELAY
NA		

DIFFICULT/UNSAFE TO MONITOR COMPONENTS		
DTM or UTM	COMPONENT TYPE	COUNT

SURVEY SUMMARY REPORT	
COMPANY	ONEOK Inc.
FACILITY	Elm Tree
FACILITY TYPE	Compressor Station

SURVEY INFORMATION			
DATE	1/28/2019	OGI OPERATOR	(b) (6)
START TIME	14:12:45	TRAINING COMPLETED	FLIR Infrared Training Center, Certified Thermographer
END TIME	15:32:46	YEARS EXPERIENCE	1 year 9 months
SKY CONDITIONS	Clear	MAX WIND SPEED	26
INSTRUMENT USED	GF320	AMBIENT TEMPERATURE	10

DEVIATIONS FROM THE MONITORING PLAN	
YES/NO	REASON FOR DEVIATION IF "YES"
NO	NO

LEAKS				
COMPONENT TAG	COMPONENT TYPE	REPAIRED PER 60.5397a(h)	DATE OF REPAIR	RESURVEY METHOD
1739	Connector	YES	1/28/2019	OGI

TOTAL LEAKS DETECTED	
COMPONENT TYPE	COUNT
CONNECTOR	1

DELAY OF REPAIR		
COMPONENT TAG	COMPONENT TYPE	REASON FOR DELAY
NA		

DIFFICULT/UNSAFE TO MONITOR COMPONENTS		
DTM or UTM	COMPONENT TYPE	COUNT

SURVEY SUMMARY REPORT	
COMPANY	ONEOK Inc.
FACILITY	Elm Tree
FACILITY TYPE	Compressor Station

SURVEY INFORMATION			
DATE	4/30/2019	OGI OPERATOR	(b) (6)
START TIME	12:25:53	TRAINING COMPLETED	FLIR Infrared Training Center, Certified Thermographer
END TIME	14:33:28	YEARS EXPERIENCE	2 years
SKY CONDITIONS	Cloudy	MAX WIND SPEED	5
INSTRUMENT USED	GF320	AMBIENT TEMPERATURE	36

DEVIATIONS FROM THE MONITORING PLAN	
YES/NO	REASON FOR DEVIATION IF "YES"
NO	NO

LEAKS				
COMPONENT TAG	COMPONENT TYPE	REPAIRED PER 60.5397a(h)	DATE OF REPAIR	RESURVEY METHOD
1777	Connector	YES	4/30/2019	OGI
1776	Connector	YES	4/30/2019	OGI
538	Thief Hatch	YES	4/30/2019	OGI

TOTAL LEAKS DETECTED	
COMPONENT TYPE	COUNT
CONNECTOR	2
THIEF HATCH	1

DELAY OF REPAIR		
COMPONENT TAG	COMPONENT TYPE	REASON FOR DELAY
NA		

DIFFICULT/UNSAFE TO MONITOR COMPONENTS		
DTM or UTM	COMPONENT TYPE	COUNT

SURVEY SUMMARY REPORT	
COMPANY	ONEOK Inc.
FACILITY	Elm Tree
FACILITY TYPE	Compressor Station

SURVEY INFORMATION			
DATE	8/13/2019	OGI OPERATOR	(b) (6)
START TIME	12:35:17	TRAINING COMPLETED	FLIR Infrared Training Center, Certified Thermographer
END TIME	13:56:13	YEARS EXPERIENCE	2 years 3 months
SKY CONDITIONS	Mostly Cloudy	MAX WIND SPEED	10
INSTRUMENT USED	GF300	AMBIENT TEMPERATURE	68

DEVIATIONS FROM THE MONITORING PLAN	
YES/NO	REASON FOR DEVIATION IF "YES"
NO	NO

LEAKS				
COMPONENT TAG	COMPONENT TYPE	REPAIRED PER 60.5397a(h)	DATE OF REPAIR	RESURVEY METHOD
538	Thief Hatch	YES	9/11/2019	OGI
541	Thief Hatch	YES	9/11/2019	OGI
536	Thief Hatch	YES	9/11/2019	OGI
2392	Covers	YES	8/13/2019	OGI
2391	Covers	YES	8/13/2019	OGI

TOTAL LEAKS DETECTED	
COMPONENT TYPE	COUNT
THIEF HATCH	3
COVERS	2

DELAY OF REPAIR		
COMPONENT TAG	COMPONENT TYPE	REASON FOR DELAY
NA		

DIFFICULT/UNSAFE TO MONITOR COMPONENTS		
DTM or UTM	COMPONENT TYPE	COUNT